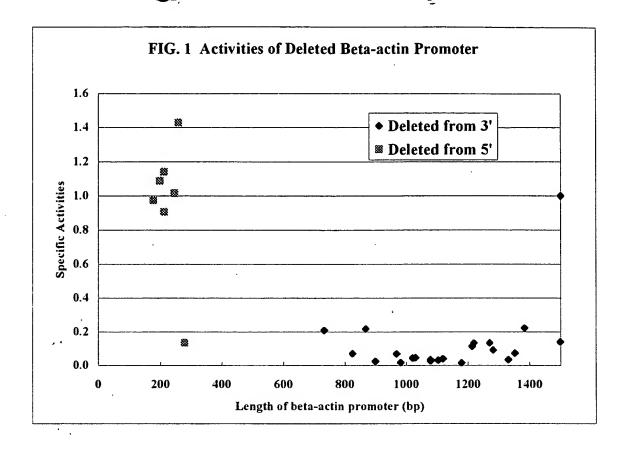
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Marek's Disease-Newcastle Disease Vaccine, Serotype 3, Live Marek's Disease Vector November 12, 2001

FIG. 2: Construction of intermediate plasmid, pGIPecF, during the construction of homology plasmid, p45/46PecF.

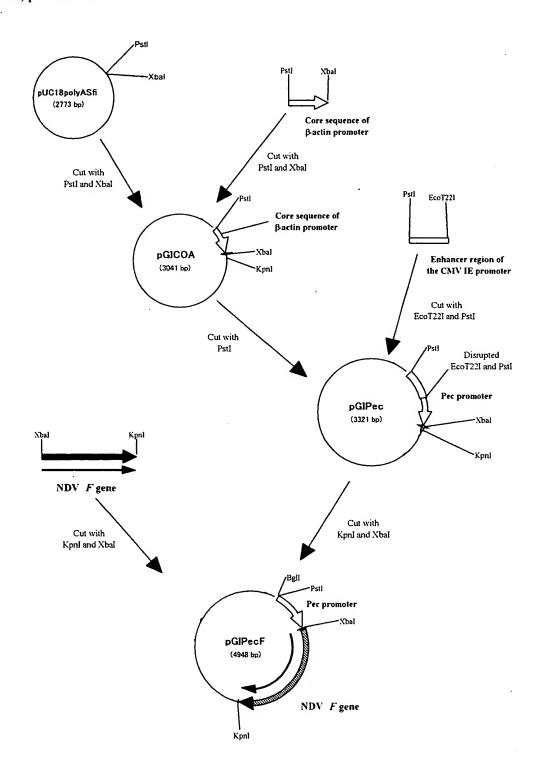


FIG. 3: Construction of homology plasmid, p45/46PecF.

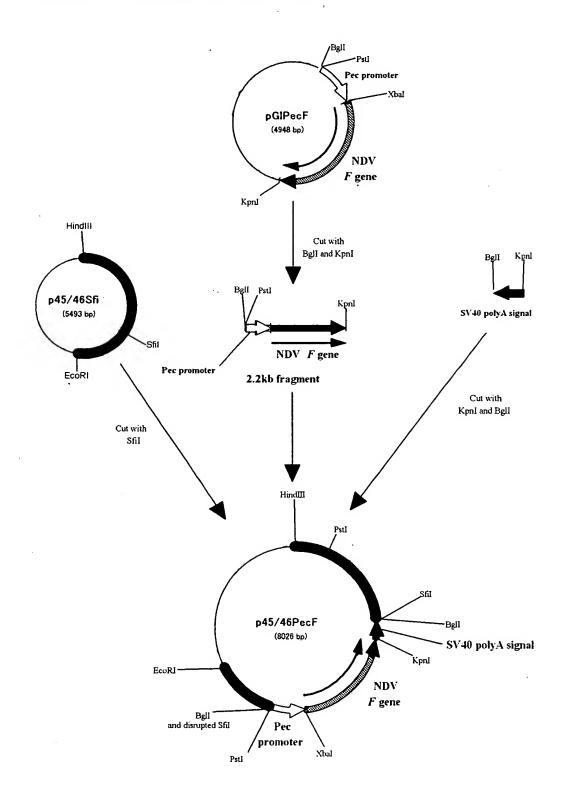
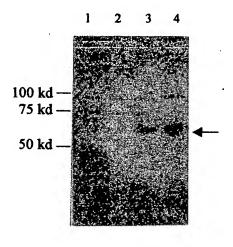


FIGURE 4. Western blot assay of rHVT/NDV, rHVT/NDV passage 5, and the HVT parent strain using NDV F rabbit antiserum. Lane 1 = CEF negative control; Lane 2 = HVT parent strain; Lane 3 = rHVT/NDV: Lane 4 = rHVT/NDV passage 5. An arrow indicates the F protein with a molecular weight of 60kDa.



FIGS. 5 and 6 show the ELISA titers of survived or non-survived SPF and commercial birds, respectively. As indicated, all chickens having 0.15 or more of the antibody titer (S/P value) survived the virulent NDV challenge.

